Approved For Release 2000/08/23 : CIA-RDP67B00820R000300120070-3

FORM 224 USE PREVIOUS EDITIONS

CLASSIFIED MESSAGE

MSG. 1-65

DATE 1645Z 19 JUL 65

SECRET

1	MD	9	
2	"	10	
3	DEA	11	
4	IDEA	12	
5	CC	13	
6	Dtach	14	
7	CB	15	
8	RB	16	

TO : DIRECTOR

FROM : [redacted] 25X1A

ACTION:

INFO :

ROUTINE

TOR: 2257Z 19 JUL 65 25X1A OSA-1-20

IN-98369

TO [redacted] 0640

IDEALIST

25X1A

REF: [redacted] 0622

1. ARTICLE 349 WITH NEWLY INSTALLED ENGINE 610744 AND F/C 19642 FLOWN 16 JULY. EXCELLENT 630 DEGREE ENGINE OPERATION OBTAINED ON 3-CLIMB SHAKEDOWN TO PLUS 20 FOR EACH CLIMB; NORMAL, EMERGENCY, NORMAL. THIS COMBINATION HAD LONG HISTORY OF GOOD OPERATION IN ARTICLE 384.

2. ADDITIONAL RED DOT TAKE OBTAINED CONCURRENT WITH ENGINE [illegible]EST.

25X1A

3. ARTICLE 349 ON SCHEDULE FOR A.M. DELIVERY TO [redacted] ON 19 JULY .

4. ENGINE 610845, LAST TEST ENGINE IN ARTICLE 349, GIVEN BORESCPE INSPECTION ON 16 JULY. RESULTS AS FOLLOWS:

ENGINE INLET - OK

8TH STAGE LOW COMP - OK

1ST STAGE HIGH COMP - ONE BLADE HAS CORNER MISSING FROM LEADING TIP. APPROX 50 PERCENT OF BLADES HAVE VARIOUS DEGREES OF FOD

SECRET

GROUP 1 EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

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25X1A

[redacted] 0640 (IN-98369) S E C R E T PAGE-2

NICKS AND GOUGES MOSTLY AT TIP REGION. SOME BLADES DAMAGED AT MID-SPAN AND ROOT.

TURBINE OUTLET - OK

ASSUME FROM BRIEF INSPECTION THAT INTERNAL ENGINE FAILURE OCCURRED BETWEEN LO AND HIGH ROTOR.

25X1A

RECOMMEND COMPLETED TEARDOWN INSPECTION BE MADE AT [redacted].

HISTORY OF THIS ENGINE OPERATION IN 349 TEST PROGRAM RECAP.

RESULTS	F/C	DATE
3 GOOD CLIMBS. ACCEPTABLE ENG/FC OPS	14824	7 JULY
POWER DECAY AT PLUS 17.5,630 OPS PART THROTTLE, POWER DECAY FULL THROTTLE CYCLE REPEATED SEVERAL TIMES.	14824	8 JULY
FULL THROTTLE ON INITIAL CLIMB TO PLUS 18.3 630 OPS OBTAINED ON SECOND CLIMB STARTING FROM PLUS 10 FOR 10 MINUTES, THEN POWER DECAY TO 608 DEGRESS AT FULL THROTTLE.	14824	10 JULY
F.T. AT PLUS 18 WITH 618 DEGREES. OK OPS SHORTLY THEREAFTER UP TO PLUS 20. SECOND CLIMB ON 630 OPS PLUS 12 TO PLUS 17.5 WHERE EGT DECAYED TO 576 WITH F.T. F.T. TO PLUS 19.5.	19642	14 JULY

END OF MESSAGE

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